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L9 and (plurality same (virtual adj2
machine\$1))

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| <u>L9</u> | L8 and instruct\$ | 29 | <u>L9</u> |
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END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 29 returned.

☐ 1. Document ID: US 6539433 B1

L9: Entry 1 of 29

File: USPT

Mar 25, 2003

US-PAT-NO: 6539433

DOCUMENT-IDENTIFIER: US 6539433 B1

TITLE: System for distributing native program converted from Java bytecode to a specified home appliance

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|

☐ 2. Document ID: US 6510352 B1

L9: Entry 2 of 29

File: USPT

Jan 21, 2003

US-PAT-NO: 6510352

DOCUMENT-IDENTIFIER: US 6510352 B1

**** See image for Certificate of Correction ****

TITLE: Methods and apparatus for object-based process control

| | | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 3. Document ID: US 6338101 B1

L9: Entry 3 of 29

File: USPT

Jan 8, 2002

US-PAT-NO: 6338101

DOCUMENT-IDENTIFIER: US 6338101 B1

TITLE: Memory initialization method for volatile memory

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image |
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☐ 4. Document ID: US 6253224 B1

L9: Entry 4 of 29

File: USPT

Jun 26, 2001

US-PAT-NO: 6253224

DOCUMENT-IDENTIFIER: US 6253224 B1

TITLE: Method and system for providing a hardware machine function in a protected virtual machine

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draw Desc | Image |
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☐ 5. Document ID: US 6226678 B1

L9: Entry 5 of 29

File: USPT

May 1, 2001

US-PAT-NO: 6226678

DOCUMENT-IDENTIFIER: US 6226678 B1

TITLE: Method and apparatus for dynamically defining data communication utilities

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 6. Document ID: US 6223202 B1

L9: Entry 6 of 29

File: USPT

Apr 24, 2001

US-PAT-NO: 6223202

DOCUMENT-IDENTIFIER: US 6223202 B1

TITLE: Virtual machine pooling

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 7. Document ID: US 6185184 B1

L9: Entry 7 of 29

File: USPT

Feb 6, 2001

US-PAT-NO: 6185184

DOCUMENT-IDENTIFIER: US 6185184 B1

TITLE: Directory server for providing dynamically assigned network protocol addresses

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 8. Document ID: US 6138143 A

L9: Entry 8 of 29

File: USPT

Oct 24, 2000

US-PAT-NO: 6138143

DOCUMENT-IDENTIFIER: US 6138143 A

TITLE: Method and apparatus for asynchronous transaction processing

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 9. Document ID: US 6131121 A

L9: Entry 9 of 29

File: USPT

Oct 10, 2000

US-PAT-NO: 6131121

DOCUMENT-IDENTIFIER: US 6131121 A

TITLE: Point-to-point computer network communication utility utilizing dynamically assigned network protocol addresses

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KMIC | Draw Desc | Image |
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☐ 10. Document ID: US 6075938 A

L9: Entry 10 of 29

File: USPT

Jun 13, 2000

US-PAT-NO: 6075938

DOCUMENT-IDENTIFIER: US 6075938 A

TITLE: Virtual machine monitors for scalable multiprocessors

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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L9: Entry 11 of 29

File: USPT

Dec 28, 1999

US-PAT-NO: 6009469

DOCUMENT-IDENTIFIER: US 6009469 A

**** See image for Certificate of Correction ****

TITLE: Graphic user interface for internet telephony application

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 12. Document ID: US 5966702 A

L9: Entry 12 of 29

File: USPT

Oct 12, 1999

US-PAT-NO: 5966702

DOCUMENT-IDENTIFIER: US 5966702 A

TITLE: Method and apparatus for pre-processing and packaging class files

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 13. Document ID: US 5925111 A

L9: Entry 13 of 29

File: USPT

Jul 20, 1999

US-PAT-NO: 5925111

DOCUMENT-IDENTIFIER: US 5925111 A

TITLE: System for allotting logical path number to logical interfaces and permitting logical interface to access selected I/O using logical path number when selected I/O is not in use

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 14. Document ID: US 5805790 A

L9: Entry 14 of 29

File: USPT

Sep 8, 1998

US-PAT-NO: 5805790

DOCUMENT-IDENTIFIER: US 5805790 A

TITLE: Fault recovery method and apparatus

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 15. Document ID: US 5694619 A

L9: Entry 15 of 29

File: USPT

Dec 2, 1997

US-PAT-NO: 5694619

DOCUMENT-IDENTIFIER: US 5694619 A

TITLE: System for exclusively controlling access of a semiconductor memory module using a backup memory and compression and decompression techniques

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWAC | Draw Desc | Image |
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☐ 16. Document ID: US 5692193 A

L9: Entry 16 of 29

File: USPT

Nov 25, 1997

US-PAT-NO: 5692193

DOCUMENT-IDENTIFIER: US 5692193 A

TITLE: Software architecture for control of highly parallel computer systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWAC | Draw Desc | Image |
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☐ 17. Document ID: US 5596752 A

L9: Entry 17 of 29

File: USPT

Jan 21, 1997

US-PAT-NO: 5596752

DOCUMENT-IDENTIFIER: US 5596752 A

**** See image for Certificate of Correction ****

TITLE: System for creating, editing, displaying, and executing rules-based programming language rules having action part subsets for both true and false evaluation of the conditional part

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWAC | Draw Desc | Image |
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☐ 18. Document ID: US 5594899 A

L9: Entry 18 of 29

File: USPT

Jan 14, 1997

US-PAT-NO: 5594899

DOCUMENT-IDENTIFIER: US 5594899 A

**** See image for Certificate of Correction ****

TITLE: Operating system and data base having an access structure formed by a plurality of tables

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWAC | Draw Desc | Image |
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☐ 19. Document ID: US 5586330 A

L9: Entry 19 of 29

File: USPT

Dec 17, 1996

US-PAT-NO: 5586330

DOCUMENT-IDENTIFIER: US 5586330 A

TITLE: Programmable computer with automatic translation between source and object code

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 20. Document ID: US 5586329 A

L9: Entry 20 of 29

File: USPT

Dec 17, 1996

US-PAT-NO: 5586329

DOCUMENT-IDENTIFIER: US 5586329 A

TITLE: Programmable computer with automatic translation between source and object code with version control

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 21. Document ID: US 5584026 A

L9: Entry 21 of 29

File: USPT

Dec 10, 1996

US-PAT-NO: 5584026

DOCUMENT-IDENTIFIER: US 5584026 A

TITLE: Computer method for implementing a GET instruction

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 22. Document ID: US 5386565 A

L9: Entry 22 of 29

File: USPT

Jan 31, 1995

US-PAT-NO: 5386565

DOCUMENT-IDENTIFIER: US 5386565 A

TITLE: Method and system for controlling/monitoring computer system having plural operating systems to run thereon

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 23. Document ID: US 5305461 A

L9: Entry 23 of 29

File: USPT

Apr 19, 1994

US-PAT-NO: 5305461

DOCUMENT-IDENTIFIER: US 5305461 A

**** See image for Certificate of Correction ****

TITLE: Method of transparently interconnecting message passing systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 24. Document ID: US 5305056 A

L9: Entry 24 of 29

File: USPT

Apr 19, 1994

US-PAT-NO: 5305056

DOCUMENT-IDENTIFIER: US 5305056 A

TITLE: Method of controlling diagnostics in a printing system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 25. Document ID: US 5295265 A

L9: Entry 25 of 29

File: USPT

Mar 15, 1994

US-PAT-NO: 5295265

DOCUMENT-IDENTIFIER: US 5295265 A

TITLE: Device for enhancing the performance of a real time executive kernel associated with a multiprocessor structure that can include a large number of processors

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 26. Document ID: US 5241673 A

L9: Entry 26 of 29

File: USPT

Aug 31, 1993

US-PAT-NO: 5241673

DOCUMENT-IDENTIFIER: US 5241673 A

TITLE: System for garbage collecting unused memory space represented by a digraph by assigning values of node identifiers to selected variables based upon predetermined conditions

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 27. Document ID: US 5175679 A

L9: Entry 27 of 29

File: USPT

Dec 29, 1992

US-PAT-NO: 5175679

DOCUMENT-IDENTIFIER: US 5175679 A

TITLE: Control for electronic image processing systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 28. Document ID: US 5170340 A

L9: Entry 28 of 29

File: USPT

Dec 8, 1992

US-PAT-NO: 5170340

DOCUMENT-IDENTIFIER: US 5170340 A

TITLE: System state controller for electronic image processing systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 29. Document ID: US 5101346 A

L9: Entry 29 of 29

File: USPT

Mar 31, 1992

US-PAT-NO: 5101346

DOCUMENT-IDENTIFIER: US 5101346 A

TITLE: Virtual machine system having a plurality of real instruction processors and virtual machines, and a registration table

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| Terms | Documents |
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| L10 and (plurality near5 (virtual near2 machine\$1)) | 50 |

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Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L13

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Thursday, May 15, 2003 [Printable Copy](#) [Create Case](#)

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side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

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| <u>L11</u> | L10 and (third adj2 machine\$1) | 17 | <u>L11</u> |
| <u>L10</u> | L9 and regist\$ | 861 | <u>L10</u> |
| <u>L9</u> | L8 and distribut\$ | 1381 | <u>L9</u> |
| <u>L8</u> | L7 and execut\$4 | 2245 | <u>L8</u> |
| <u>L7</u> | "virtual machine" | 2356 | <u>L7</u> |
| <u>L6</u> | L5 and (virtual near2 machine\$) | 3 | <u>L6</u> |
| <u>L5</u> | L4 and (stor\$ near2 interest) | 5 | <u>L5</u> |
| <u>L4</u> | L3 and object\$2 | 1094 | <u>L4</u> |
| <u>L3</u> | (international same business same machines) and (virtual same machine\$) | 1245 | <u>L3</u> |
| <u>L2</u> | (international same business same machines) and ((remote same procedure same call) same virtual same machine\$) | 1 | <u>L2</u> |
| <u>L1</u> | (international same business same machines) and (((remote same procedure same call) or rpc) same (virtual near2 machine\$)) | 2 | <u>L1</u> |

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 50 returned.**☐ 1. Document ID: US 6539433 B1

L13: Entry 1 of 50

File: USPT

Mar 25, 2003

US-PAT-NO: 6539433

DOCUMENT-IDENTIFIER: US 6539433 B1

TITLE: System for distributing native program converted from Java bytecode to a specified home appliance

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 2. Document ID: US 6510352 B1

L13: Entry 2 of 50

File: USPT

Jan 21, 2003

US-PAT-NO: 6510352

DOCUMENT-IDENTIFIER: US 6510352 B1

**** See image for Certificate of Correction ****

TITLE: Methods and apparatus for object-based process control

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 3. Document ID: US 6473759 B1

L13: Entry 3 of 50

File: USPT

Oct 29, 2002

US-PAT-NO: 6473759

DOCUMENT-IDENTIFIER: US 6473759 B1

TITLE: Method and system for accessing java applications

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 4. Document ID: US 6438614 B2

L13: Entry 4 of 50

File: USPT

Aug 20, 2002

US-PAT-NO: 6438614

DOCUMENT-IDENTIFIER: US 6438614 B2

**** See image for Certificate of Correction ****

TITLE: Polymorphic token based control

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 5. Document ID: US 6397253 B1

L13: Entry 5 of 50

File: USPT

May 28, 2002

US-PAT-NO: 6397253

DOCUMENT-IDENTIFIER: US 6397253 B1

TITLE: Method and system for providing high performance Web browser and server communications

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 6. Document ID: US 6393458 B1

L13: Entry 6 of 50

File: USPT

May 21, 2002

US-PAT-NO: 6393458

DOCUMENT-IDENTIFIER: US 6393458 B1

TITLE: Method and apparatus for load balancing in a distributed object architecture

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 7. Document ID: US 6338101 B1

L13: Entry 7 of 50

File: USPT

Jan 8, 2002

US-PAT-NO: 6338101

DOCUMENT-IDENTIFIER: US 6338101 B1

TITLE: Memory initialization method for volatile memory

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 8. Document ID: US 6338089 B1

L13: Entry 8 of 50

File: USPT

Jan 8, 2002

US-PAT-NO: 6338089

DOCUMENT-IDENTIFIER: US 6338089 B1

TITLE: Method and system for providing session pools for high performance web browser and server communications

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 9. Document ID: US 6253224 B1

L13: Entry 9 of 50

File: USPT

Jun 26, 2001

US-PAT-NO: 6253224

DOCUMENT-IDENTIFIER: US 6253224 B1

TITLE: Method and system for providing a hardware machine function in a protected virtual machine

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWC | Draw Desc | Image |
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☐ 10. Document ID: US 6226678 B1

L13: Entry 10 of 50.

File: USPT

May 1, 2001

US-PAT-NO: 6226678

DOCUMENT-IDENTIFIER: US 6226678 B1

TITLE: Method and apparatus for dynamically defining data communication utilities

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWC | Draw Desc | Image |
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| L10 and (plurality near5 (virtual near2 machine\$1)) | 50 |

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 50 returned.**☐ 11. Document ID: US 6223202 B1

L13: Entry 11 of 50

File: USPT

Apr 24, 2001

US-PAT-NO: 6223202

DOCUMENT-IDENTIFIER: US 6223202 B1

TITLE: Virtual machine pooling

| | | | | | | | | | |
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☐ 12. Document ID: US 6219678 B1

L13: Entry 12 of 50

File: USPT

Apr 17, 2001

US-PAT-NO: 6219678

DOCUMENT-IDENTIFIER: US 6219678 B1

TITLE: System and method for maintaining an association for an object

| | | | | | | | | | |
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☐ 13. Document ID: US 6185184 B1

L13: Entry 13 of 50

File: USPT

Feb 6, 2001

US-PAT-NO: 6185184

DOCUMENT-IDENTIFIER: US 6185184 B1

TITLE: Directory server for providing dynamically assigned network protocol addresses

| | | | | | | | | | |
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| KWNC | Draw Desc | Image |
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☐ 14. Document ID: US 6151618 A

L13: Entry 14 of 50

File: USPT

Nov 21, 2000

US-PAT-NO: 6151618

DOCUMENT-IDENTIFIER: US 6151618 A

TITLE: Safe general purpose virtual machine computing system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 15. Document ID: US 6138143 A

L13: Entry 15 of 50

File: USPT

Oct 24, 2000

US-PAT-NO: 6138143

DOCUMENT-IDENTIFIER: US 6138143 A

TITLE: Method and apparatus for asynchronous transaction processing

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 16. Document ID: US 6131121 A

L13: Entry 16 of 50

File: USPT

Oct 10, 2000

US-PAT-NO: 6131121

DOCUMENT-IDENTIFIER: US 6131121 A

TITLE: Point-to-point computer network communication utility utilizing dynamically assigned network protocol addresses

| | | | | | | | | | |
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☐ 17. Document ID: US 6075938 A

L13: Entry 17 of 50

File: USPT

Jun 13, 2000

US-PAT-NO: 6075938

DOCUMENT-IDENTIFIER: US 6075938 A

TITLE: Virtual machine monitors for scalable multiprocessors

| | | | | | | | | | |
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☐ 18. Document ID: US 6009469 A

L13: Entry 18 of 50

File: USPT

Dec 28, 1999

US-PAT-NO: 6009469

DOCUMENT-IDENTIFIER: US 6009469 A

**** See image for Certificate of Correction ****

TITLE: Graphic user interface for internet telephony application

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 19. Document ID: US 6003050 A

L13: Entry 19 of 50

File: USPT

Dec 14, 1999

US-PAT-NO: 6003050

DOCUMENT-IDENTIFIER: US 6003050 A

TITLE: Method for integrating a virtual machine with input method editors

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 20. Document ID: US 5966702 A

L13: Entry 20 of 50

File: USPT

Oct 12, 1999

US-PAT-NO: 5966702

DOCUMENT-IDENTIFIER: US 5966702 A

TITLE: Method and apparatus for pre-processing and packaging class files

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| L10 and (plurality near5 (virtual near2 machine\$1)) | 50 |

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L13: Entry 21 of 50

File: USPT

Aug 31, 1999

US-PAT-NO: 5946487

DOCUMENT-IDENTIFIER: US 5946487 A

TITLE: Object-oriented multi-media architecture

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 22. Document ID: US 5925111 A

L13: Entry 22 of 50

File: USPT

Jul 20, 1999

US-PAT-NO: 5925111

DOCUMENT-IDENTIFIER: US 5925111 A

TITLE: System for allotting logical path number to logical interfaces and permitting logical interface to access selected I/O using logical path number when selected I/O is not in use

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☐ 23. Document ID: US 5805790 A

L13: Entry 23 of 50

File: USPT

Sep 8, 1998

US-PAT-NO: 5805790

DOCUMENT-IDENTIFIER: US 5805790 A

TITLE: Fault recovery method and apparatus

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 24. Document ID: US 5802307 A

L13: Entry 24 of 50

File: USPT

Sep 1, 1998

US-PAT-NO: 5802307

DOCUMENT-IDENTIFIER: US 5802307 A

TITLE: Network communications subsystem and method for digital computer system employing protocol stack having diverse lower-level network driver components optimized for each of base and enhance operating systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 25. Document ID: US 5752036 A

L13: Entry 25 of 50

File: USPT

May 12, 1998

US-PAT-NO: 5752036

DOCUMENT-IDENTIFIER: US 5752036 A

TITLE: Apparatus for generating a program for parallel processing

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 26. Document ID: US 5694619 A

L13: Entry 26 of 50

File: USPT

Dec 2, 1997

US-PAT-NO: 5694619

DOCUMENT-IDENTIFIER: US 5694619 A

TITLE: System for exclusively controlling access of a semiconductor memory module using a backup memory and compression and decompression techniques

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 27. Document ID: US 5692193 A

L13: Entry 27 of 50

File: USPT

Nov 25, 1997

US-PAT-NO: 5692193

DOCUMENT-IDENTIFIER: US 5692193 A

TITLE: Software architecture for control of highly parallel computer systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 28. Document ID: US 5596752 A

L13: Entry 28 of 50

File: USPT

Jan 21, 1997

US-PAT-NO: 5596752

DOCUMENT-IDENTIFIER: US 5596752 A

**** See image for Certificate of Correction ****TITLE: System for creating, editing, displaying, and executing rules-based programming language rules having action part subsets for both true and false evaluation of the conditional part

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☐ 29. Document ID: US 5594899 A

L13: Entry 29 of 50

File: USPT

Jan 14, 1997

US-PAT-NO: 5594899

DOCUMENT-IDENTIFIER: US 5594899 A

**** See image for Certificate of Correction ****

TITLE: Operating system and data base having an access structure formed by a plurality of tables

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 30. Document ID: US 5586330 A

L13: Entry 30 of 50

File: USPT

Dec 17, 1996

US-PAT-NO: 5586330

DOCUMENT-IDENTIFIER: US 5586330 A

TITLE: Programmable computer with automatic translation between source and object code

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| L10 and (plurality near5 (virtual near2 machine\$1)) | 50 |

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☐ 41. Document ID: US 5170340 A

L13: Entry 41 of 50

File: USPT

Dec 8, 1992

US-PAT-NO: 5170340

DOCUMENT-IDENTIFIER: US 5170340 A

TITLE: System state controller for electronic image processing systems

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 42. Document ID: US 5101346 A

L13: Entry 42 of 50

File: USPT

Mar 31, 1992

US-PAT-NO: 5101346

DOCUMENT-IDENTIFIER: US 5101346 A

TITLE: Virtual machine system having a plurality of real instruction processors and virtual machines, and a registration table

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 43. Document ID: US 4395757 A

L13: Entry 43 of 50

File: USPT

Jul 26, 1983

US-PAT-NO: 4395757

DOCUMENT-IDENTIFIER: US 4395757 A

TITLE: Process synchronization utilizing semaphores

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 44. Document ID: US 4394725 A

L13: Entry 44 of 50

File: USPT

Jul 19, 1983

US-PAT-NO: 4394725

DOCUMENT-IDENTIFIER: US 4394725 A

TITLE: Apparatus and method for transferring information units between processes in a multiprocessing system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 45. Document ID: US 4374409 A

L13: Entry 45 of 50

File: USPT

Feb 15, 1983

US-PAT-NO: 4374409

DOCUMENT-IDENTIFIER: US 4374409 A

TITLE: Method of and system using P and V instructions on semaphores for transferring data among processes in a multiprocessing system

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 46. Document ID: US 4369494 A

L13: Entry 46 of 50

File: USPT

Jan 18, 1983

US-PAT-NO: 4369494

DOCUMENT-IDENTIFIER: US 4369494 A

TITLE: Apparatus and method for providing synchronization between processes and events occurring at different times in a data processing system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 47. Document ID: US 4320451 A

L13: Entry 47 of 50

File: USPT

Mar 16, 1982

US-PAT-NO: 4320451

DOCUMENT-IDENTIFIER: US 4320451 A

TITLE: Extended semaphore architecture

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 48. Document ID: US 4318182 A

L13: Entry 48 of 50

File: USPT

Mar 2, 1982

US-PAT-NO: 4318182

DOCUMENT-IDENTIFIER: US 4318182 A

TITLE: Deadlock detection and prevention mechanism for a computer system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
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☐ 49. Document ID: US 4316245 A

L13: Entry 49 of 50

File: USPT

Feb 16, 1982

US-PAT-NO: 4316245

DOCUMENT-IDENTIFIER: US 4316245 A

** See image for Certificate of Correction **

TITLE: Apparatus and method for semaphore initialization in a multiprocessing computer system for process synchronization

| | | | | | | | | | |
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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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☐ 50. Document ID: US 3858182 A

L13: Entry 50 of 50

File: USPT

Dec 31, 1974

US-PAT-NO: 3858182

DOCUMENT-IDENTIFIER: US 3858182 A

TITLE: COMPUTER PROGRAM PROTECTION MEANS

| | | | | | | | | | |
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side by side

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result set

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| <u>L23</u> | L22 and (machine\$1 same execut\$) | 47 | <u>L23</u> |
| <u>L22</u> | L21 not L18 | 73 | <u>L22</u> |
| <u>L21</u> | third same (virtual same machine) same receiv\$3 | 75 | <u>L21</u> |
| <u>L20</u> | L17 and (third near10 ((virtual same machine) same receiv\$3)) | 2 | <u>L20</u> |
| <u>L19</u> | L17 and (third near2 ((virtual same machine) same receiv\$3)) | 0 | <u>L19</u> |
| <u>L18</u> | L17 and interest\$1 | 62 | <u>L18</u> |
| <u>L17</u> | L16 and registrat\$ | 108 | <u>L17</u> |
| <u>L16</u> | L15 and (transmit\$ near5 message\$2) | 254 | <u>L16</u> |
| <u>L15</u> | L11 (third near2 ((java same virtual same machine) or jvm)) | 1494 | <u>L15</u> |
| <u>L14</u> | L11 ((second or third) near2 ((java same virtual same machine) or jvm)) | 1503 | <u>L14</u> |
| <u>L13</u> | L11 (plurality near2 ((java same virtual same machine) or jvm)) | 1495 | <u>L13</u> |
| <u>L12</u> | L11 (plurality same ((java same virtual same machine) or jvm)) | 1528 | <u>L12</u> |
| <u>L11</u> | L10 and execut\$ | 1494 | <u>L11</u> |
| <u>L10</u> | L9 and (distribut\$ or transmit\$) | 1559 | <u>L10</u> |
| <u>L9</u> | "java virtual machine" | 2073 | <u>L9</u> |
| <u>L8</u> | L5 and ((first or second or third) near2 machine) | 22 | <u>L8</u> |
| <u>L7</u> | L5 and ((first or second or third) same machine) | 71 | <u>L7</u> |
| <u>L6</u> | L5 and (event same interest) | 11 | <u>L6</u> |
| <u>L5</u> | (L3 or L4) and ((java same virtual same machine) or jvm) | 163 | <u>L5</u> |
| <u>L4</u> | ((709/330)!.CCLS.) | 260 | <u>L4</u> |
| <u>L3</u> | ((707/200 707/201 707/202 707/203 707/204 707/205 707/206)!.CCLS.) | 3690 | <u>L3</u> |
| <u>L2</u> | L1 and ((java same virtual same machine) or jvm) | 3 | <u>L2</u> |
| <u>L1</u> | (5327559 6253256 6263350 6272559).pn. | 8 | <u>L1</u> |

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 37 returned.☐ 1. Document ID: US 20030074407 A1

L24: Entry 1 of 37

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074407

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074407 A1

TITLE: Remote system controller for use in a distributed processing framework system and methods for implementing the same

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 2. Document ID: US 20030070117 A1

L24: Entry 2 of 37

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030070117

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030070117 A1

TITLE: Simulation apparatus and simulation method

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 3. Document ID: US 20030064801 A1

L24: Entry 3 of 37

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030064801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030064801 A1

TITLE: Decoupling of the graphical presentation of a game from the presentation logic

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 4. Document ID: US 20030063316 A1

L24: Entry 4 of 37

File: PGPB

Apr 3, 2003

PGPUB-DOCUMENT-NUMBER: 20030063316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030063316 A1

TITLE: Image forming device having a memory assignment unit

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 5. Document ID: US 20030055936 A1

L24: Entry 5 of 37

File: PGPB

Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030055936

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030055936 A1

TITLE: Dynamic attributes for distributed test framework

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 6. Document ID: US 20030051186 A1

L24: Entry 6 of 37

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030051186

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030051186 A1

TITLE: Methods to restore tests execution after unexpected crashes for use in a distributed test framework

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 7. Document ID: US 20030014510 A1

L24: Entry 7 of 37

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030014510

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030014510 A1

TITLE: Distributed processing framework system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 8. Document ID: US 20030007004 A1

L24: Entry 8 of 37

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030007004

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030007004 A1

TITLE: Differentiating dialog box boundaries by implementing reserved colors

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 9. Document ID: US 20020129078 A1

L24: Entry 9 of 37

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129078

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020129078 A1

TITLE: Method and device for creating and using pre-internalized program files

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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| KWIC | Draw Desc | Image |
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☐ 10. Document ID: US 20020095396 A1

L24: Entry 10 of 37

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020095396

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020095396 A1

TITLE: Builder tool and interface for system supporting multiple virtual machines

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| L23 and object\$2 | 37 |

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 37 returned.**☐ 11. Document ID: US 20020091991 A1

L24: Entry 11 of 37

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091991

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020091991 A1

TITLE: Unified real-time microprocessor computer

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 12. Document ID: US 20020073063 A1

L24: Entry 12 of 37

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073063

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020073063 A1

TITLE: Generation of runtime execution traces of applications and associated problem determination

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 13. Document ID: US 20020062338 A1

L24: Entry 13 of 37

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020062338

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020062338 A1

TITLE: EXTENSIBLE THIN SERVER FOR COMPUTER NETWORKS

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 14. Document ID: US 20020049635 A1

L24: Entry 14 of 37

File: PGPB

Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049635

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020049635 A1

TITLE: Multiple advertising

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 15. Document ID: US 20020022970 A1

L24: Entry 15 of 37

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022970

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022970 A1

TITLE: Branded channel

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 16. Document ID: US 20020007313 A1

L24: Entry 16 of 37

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020007313

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020007313 A1

TITLE: Credit system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 17. Document ID: US 20020002674 A1

L24: Entry 17 of 37

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020002674 A1

TITLE: Digital rights management

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 18. Document ID: US 6539339 B1

L24: Entry 18 of 37

File: USPT

Mar 25, 2003

US-PAT-NO: 6539339

DOCUMENT-IDENTIFIER: US 6539339 B1

TITLE: Method and system for maintaining thread-relative metrics for trace data
adjusted for thread switches

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 19. Document ID: US 6438744 B1

L24: Entry 19 of 37

File: USPT

Aug 20, 2002

US-PAT-NO: 6438744

DOCUMENT-IDENTIFIER: US 6438744 B1

**** See image for Certificate of Correction ****

TITLE: Dynamic mapping of component interfaces

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KMC | Draw Desc | Image |
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☐ 20. Document ID: US 6433794 B1

L24: Entry 20 of 37

File: USPT

Aug 13, 2002

US-PAT-NO: 6433794

DOCUMENT-IDENTIFIER: US 6433794 B1

TITLE: Method and apparatus for selecting a java virtual machine for use with a browser

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KMC | Draw Desc | Image |
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| L23 and object\$2 | 37 |

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 30 of 37 returned.**☐ 21. Document ID: US 6363523 B1

L24: Entry 21 of 37

File: USPT

Mar 26, 2002

US-PAT-NO: 6363523

DOCUMENT-IDENTIFIER: US 6363523 B1

TITLE: Optimization of N-base typed arithmetic expressions

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWMC | Draw Desc | Image |
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☐ 22. Document ID: US 6125387 A

L24: Entry 22 of 37

File: USPT

Sep 26, 2000

US-PAT-NO: 6125387

DOCUMENT-IDENTIFIER: US 6125387 A

TITLE: Operating methods for robust computer systems permitting autonomously switching between alternative/redundant

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWMC | Draw Desc | Image |
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☐ 23. Document ID: US 6091412 A

L24: Entry 23 of 37

File: USPT

Jul 18, 2000

US-PAT-NO: 6091412

DOCUMENT-IDENTIFIER: US 6091412 A

TITLE: Universal client device permitting a computer to receive and display information from several special applications

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWMC | Draw Desc | Image |
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☐ 24. Document ID: US 6061727 A

L24: Entry 24 of 37

File: USPT

May 9, 2000

US-PAT-NO: 6061727

DOCUMENT-IDENTIFIER: US 6061727 A

TITLE: Robust computer systems permitting autonomously switching between alternative/redundant components

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWMC | Draw Desc | Image |
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☐ 25. Document ID: US 6049857 A

L24: Entry 25 of 37

File: USPT

Apr 11, 2000

US-PAT-NO: 6049857

DOCUMENT-IDENTIFIER: US 6049857 A

TITLE: Apparatus and method for translating addresses utilizing an ATU implemented within a network interface card

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 26. Document ID: US 5983332 A

L24: Entry 26 of 37

File: USPT

Nov 9, 1999

US-PAT-NO: 5983332

DOCUMENT-IDENTIFIER: US 5983332 A

TITLE: Asynchronous transfer mode (ATM) segmentation and reassembly unit virtual address translation unit architecture

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 27. Document ID: US 5603033 A

L24: Entry 27 of 37

File: USPT

Feb 11, 1997

US-PAT-NO: 5603033

DOCUMENT-IDENTIFIER: US 5603033 A

TITLE: Tool for debugging an operating system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 28. Document ID: US 5237661 A

L24: Entry 28 of 37

File: USPT

Aug 17, 1993

US-PAT-NO: 5237661

DOCUMENT-IDENTIFIER: US 5237661 A

TITLE: Buffer management method and system therefor using an I/O buffer on main memory and utilizing virtual memory and page fixing

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 29. Document ID: US 4914619 A

L24: Entry 29 of 37

File: USPT

Apr 3, 1990

US-PAT-NO: 4914619

DOCUMENT-IDENTIFIER: US 4914619 A

**** See image for Certificate of Correction ****

TITLE: Apparatus and method for interconnecting an application of a transparent services access facility to remote source

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWIC | Draw Desc | Image |
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☐ 30. Document ID: US 4862349 A

L24: Entry 30 of 37

File: USPT

Aug 29, 1989

US-PAT-NO: 4862349

DOCUMENT-IDENTIFIER: US 4862349 A

TITLE: Method for extracting and/or replacing control system information in a computer operating system

| | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|

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|------|-----------|-------|
| KWIC | Draw Desc | Image |
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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 31 through 37 of 37 returned.**☐ 31. Document ID: US 4814975 A

L24: Entry 31 of 37

File: USPT

Mar 21, 1989

US-PAT-NO: 4814975

DOCUMENT-IDENTIFIER: US 4814975 A

TITLE: Virtual machine system and method for controlling machines of different architectures

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMC](#) | [Draw Desc](#) | [Image](#)☐ 32. Document ID: US 4807115 A

L24: Entry 32 of 37

File: USPT

Feb 21, 1989

US-PAT-NO: 4807115

DOCUMENT-IDENTIFIER: US 4807115 A

TITLE: Instruction issuing mechanism for processors with multiple functional units

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMC](#) | [Draw Desc](#) | [Image](#)☐ 33. Document ID: US 4597044 A

L24: Entry 33 of 37

File: USPT

Jun 24, 1986

US-PAT-NO: 4597044

DOCUMENT-IDENTIFIER: US 4597044 A

TITLE: Apparatus and method for providing a composite descriptor in a data processing system

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMC](#) | [Draw Desc](#) | [Image](#)☐ 34. Document ID: US 4347565 A

L24: Entry 34 of 37

File: USPT

Aug 31, 1982

US-PAT-NO: 4347565

DOCUMENT-IDENTIFIER: US 4347565 A

**** See image for Certificate of Correction ****

TITLE: Address control system for software simulation

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KIMC](#) | [Draw Desc](#) | [Image](#)

☐ 35. Document ID: WO 9918730 A2

L24: Entry 35 of 37

File: EPAB

Apr 15, 1999

PUB-NO: WO009918730A2

DOCUMENT-IDENTIFIER: WO 9918730 A2

TITLE: MULTITHREAD DATA PROCESSOR

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| KWMC | Draw Desc | Image |
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☐ 36. Document ID: NA9001444

L24: Entry 36 of 37

File: TDBD

Jan 1, 1990

TDB-ACC-NO: NA9001444

DISCLOSURE TITLE: Applications As OS/400 Program

PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, January 1990, US

VOLUME NUMBER: 32

ISSUE NUMBER: 8A

PAGE NUMBER: 444 - 445

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☐ 37. Document ID: US 6061727 A

L24: Entry 37 of 37

File: DWPI

May 9, 2000

DERWENT-ACC-NO: 2000-557428

DERWENT-WEEK: 200051

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TITLE: Robust computer system used in military application, has three computers of which second computer severs its connection to third computer and establishes connection to alternate computer when heartbeat signal stops

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |
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| L23 and object\$2 | 37 |

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L24: Entry 30 of 37

File: USPT

Aug 29, 1989

DOCUMENT-IDENTIFIER: US 4862349 A

TITLE: Method for extracting and/or replacing control system information in a computer operating system

Brief Summary Text (7):

To make this Virtual Machine more usable for problem solving, the second layer of operating system, the Conversational Monitor System (CMS) is loaded into the virtual storage of this Virtual Machine. This second layer of operating system provides such amenities as a file management system, command execution facilities, language processors and communications, to mention just a few features. The operating system keeps track of its own and user actions via collections of data items. Related data items are stored in a structure known as a Control Block or Data Area.

Brief Summary Text (12):

It is an object of this invention to provide Control Block information contained in an operating system program to a user without identifying the location of this information.

Brief Summary Text (13):

It is a particular object of this invention to provide a method to locate a specific control item of a Control Block in an operating system.

Detailed Description Text (2):

Referring now to FIG. 1, there is shown the organization of a computing system mainframe for a virtual machine, VM, application. The computing system mainframe 10 includes an operating system control program 16a which organizes the data flow and system execution for the mainframe 10. Additional to operating system 16, there is a CMS operating system 17a and 17b for providing a plurality of virtual machines 18 through 22. The virtual machines provide independent access for a plurality of users to the computing system mainframe, by sharing the mainframe facilities. The CMS operating system for creating virtual machine applications is divided into a portion 17a dedicated to each virtual machine 18-22, and a common portion 17b; shared by all virtual machines 18-22.

Detailed Description Text (3):

The common CMS operating system 17b will also allow access to a plurality of virtual disks from a central disk file 15. The virtual disks may be accessed by one of the virtual machine applications 18 through 22. This will provide storage which may be necessary in executing an application program on the virtual machines.

Detailed Description Text (5):

FIG. 2 illustrates the organization of a portion of the information maintained by the CMS operating system. The software is organized such that a plurality of Control Blocks contain information common to a particular task or function being executed by the CMS operating system. The first of such plurality of Control Blocks, 31, is shown to be ADT, or active disk tables, for describing the attributes of virtual disks provided for a virtual machine. The virtual disks, of course, are storage locations contained in a main disk memory 15, which are available to a virtual machine user for temporary storage of computations being made by the machine. These Control Blocks are numbered 1 to n.

Detailed Description Text (22):

Having received the request, the Extract/Replace mainline code is entered in 46. The

first column in Table 1 will be searched looking for the INFORMATION NAME, in this case VMSIZE. Assuming it is found, the third column in Table 1 corresponding to VMSIZE will identify the CONTROL BLOCK NAME in which VMSIZE can be found in step 47. This CONTROL BLOCK NAME will identify a corresponding entry in the first column of Table 2. At this time, if there is a special routine in column 3 of Table 2, it can be called in step 48 in order to find the location of the Control Block within the virtual machine. Once the Control Block has been located, the MAPPING MACRO, located in column 2 of Table 2, is used to determine the shape or format of the Control Block. Since the virtual memory size (VMSIZE) occurs only once in a virtual machine within a control block called NUCON, and since the NUCON control block is always located at location 0 within any virtual machine, there is no need for a special routine or search as determined in step 49 and therefore column 3 of Table 2 will contain a 0.

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JPO Abstracts Database
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Search HistoryDATE: Thursday, May 15, 2003 [Printable Copy](#) [Create Case](#)

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

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| <u>L19</u> | L17 and (third near2 ((virtual same machine) same receiv\$3)) | 0 | <u>L19</u> |
| <u>L18</u> | L17 and interest\$1 | 62 | <u>L18</u> |
| <u>L17</u> | L16 and registrat\$ | 108 | <u>L17</u> |
| <u>L16</u> | L15 and (transmit\$ near5 message\$2) | 254 | <u>L16</u> |
| <u>L15</u> | L11 (third near2 ((java same virtual same machine) or jvm)) | 1494 | <u>L15</u> |
| <u>L14</u> | L11 ((second or third) near2 ((java same virtual same machine) or jvm)) | 1503 | <u>L14</u> |
| <u>L13</u> | L11 (plurality near2 ((java same virtual same machine) or jvm)) | 1495 | <u>L13</u> |
| <u>L12</u> | L11 (plurality same ((java same virtual same machine) or jvm)) | 1528 | <u>L12</u> |
| <u>L11</u> | L10 and execut\$ | 1494 | <u>L11</u> |
| <u>L10</u> | L9 and (distribut\$ or transmit\$) | 1559 | <u>L10</u> |
| <u>L9</u> | "java virtual machine" | 2073 | <u>L9</u> |
| <u>L8</u> | L5 and ((first or second or third) near2 machine) | 22 | <u>L8</u> |
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| <u>L6</u> | L5 and (event same interest) | 11 | <u>L6</u> |
| <u>L5</u> | (L3 or L4) and ((java same virtual same machine) or jvm) | 163 | <u>L5</u> |
| <u>L4</u> | ((709/330)!.CCLS.) | 260 | <u>L4</u> |
| <u>L3</u> | ((707/200 707/201 707/202 707/203 707/204 707/205 707/206)!.CCLS.) | 3690 | <u>L3</u> |
| <u>L2</u> | L1 and ((java same virtual same machine) or jvm) | 3 | <u>L2</u> |
| <u>L1</u> | (5327559 6253256 6263350 6272559).pn. | 8 | <u>L1</u> |

END OF SEARCH HISTORY

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L20: Entry 1 of 2

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020059472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020059472 A1

TITLE: Method and apparatus for transporting behavior in an event-based distributed system

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWC | Draw Desc | Image |
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☐ 2. Document ID: US 6463446 B1

L20: Entry 2 of 2

File: USPT

Oct 8, 2002

US-PAT-NO: 6463446

DOCUMENT-IDENTIFIER: US 6463446 B1

TITLE: Method and apparatus for transporting behavior in an event-based distributed system

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|-----|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWC | Draw Desc | Image |
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